

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1. (Currently Amended) A wireless communication device comprising:

a monopole antenna, wherein the monopole antenna further comprises:

a counterpoise;

a poise comprising:

a conductor having first and second edges, the first edge having a first taper extending from the counterpoise to the second edge, and the second edge having a straight edge or a second taper different from the first taper; and

a substrate, the conductor being deposited on the substrate, wherein the substrate with the conductor deposited thereon is folded; and

a transmission line connected to the poise.

2. (Previously Presented) The wireless communication device of claim 1 wherein the first tapered edge is convex.

3. (Previously Presented) The wireless communication device of claim 1 wherein the first tapered edge is concave.

4. (Previously Presented) The wireless communication device of claim 1 wherein the conductor comprises a quarter ellipse.

5. (Previously Presented) The wireless communication device of claim 4 wherein the quarter ellipse comprises a quarter circle.

6. (Currently Amended) The wireless communication device of claim 1 wherein the first tapered edge has a taper defined by  $y = 1/(m \cdot x)$ , where  $m$  is any number, and  $x$  and  $y$  are coordinates on an  $x, y$  axis.

7. (Previously Presented) The wireless communication device of claim 6 wherein  $m = 1, 4$  or  $8$ .

8. (Previously Presented) The wireless communication device of claim 1 wherein the poise is folded.

9. Canceled.

10. Canceled.

11. (Currently Amended) The wireless communication device of claim ~~[[10]]~~ 1 wherein the substrate with the conductor deposited thereon is folded into a  $3/4$  rectangular channel.

12. (Currently Amended) The wireless communication device of claim ~~[[9]]~~ 1 wherein the substrate with the conductor deposited thereon comprises a half cylinder.

13. (Currently Amended) A wireless communication device comprising:  
a monopole antenna, wherein the monopole antenna further comprises:  
a counterpoise;  
a poise comprising first and second conductors, the first conductor having first and second edges, the first edge having a first taper extending from the counterpoise to the second edge, and the second edge having a straight edge or a second taper different from the first taper~~[[;and]]~~, the poise further comprising a substrate, the first and second conductors being deposited on the substrate, and wherein the substrate with the first and second conductors deposited thereon is folded into a  $3/4$  rectangular channel; and

a transmission line connected to at least one of the first and second conductors.

14. (Previously Presented) The wireless communication device of claim 13 wherein the poise is folded.

15. (Previously Presented) The wireless communication device of claim 13 wherein the second conductor is linear.

16. (Previously Presented) The wireless communication device of claim 15 wherein the first conductor comprises a quarter ellipse.

17. Canceled.

18. (Previously Presented) The wireless communication device of claim 13 wherein the second conductor comprises a first and second edge, the first edge of the second conductor having a first taper extending from the counterpoise to the second edge of the second conductor, and the second edge of the second conductor having a straight edge or a second taper different from the first taper of the second conductor.

19. (Currently Amended) The wireless communication device of claim 18 wherein the first tapered edge of the first and second conductors each has a taper defined by the  $y=1/(m*x)$ , where  $m$  is any number, and  $x$  and  $y$  are coordinates on an  $x, y$  axis.

20. (Previously Presented) The wireless communication device of claim 19 wherein  $m = 4$  for the first tapered edge of the first conductor, and  $m = 8$  for the first tapered edge of the second conductor.

21. (Previously Presented) A wireless communication device comprising:  
a monopole antenna, wherein the monopole antenna further comprises:

a counterpoise; and

a poise coupled to the counterpoise, the poise having a maximum length of 2 inches, a maximum width of 0.625 inches and a maximum height of 0.3 inches, the poise further having a first bandwidth that includes a frequency range of 1575 – 2170 MHz and a second bandwidth that includes a frequency range of 824 – 960 MHz..

22. (Previously Presented) The wireless communication device of claim 21 wherein the poise is folded.

23. (Previously Presented) The wireless communication device of claim 21 wherein the poise comprises a first conductor having the bandwidth that includes the frequency range of 1575 – 2170 MHz, and a second conductor having the bandwidth that includes the frequency range of 824 – 960 MHz.

24. (Previously Presented) The wireless communication device of claim 23 wherein the first conductor comprises a quarter ellipse and the second conductor is linear.

25. (Previously Presented) The wireless communication device of claim 23 wherein the first conductor includes a first and second edges, the first edge having a first taper extending from the counterpoise to the second edge, and the second edge having a straight edge or a second taper different from the first taper.

26. (Currently Amended) The wireless communication device of claim 25 wherein the first tapered edge has a taper defined by  $y = 1/(m*x)$ , where  $m$  is any number, and  $x$  and  $y$  are coordinates on an  $x, y$  axis.

27. (Previously Presented) The wireless communication device of claim 23 wherein the poise further comprises a folded substrate having the first and second conductors deposited thereon.

28. (Previously Presented) The wireless communication device of claim 27 wherein the substrate with the conductor deposited thereon is folded into a three-quarter rectangular channel.

29. (Previously Presented) The wireless communication device of claim 23 wherein each of the first and second conductors have first and second edges, the first edge for each of the first and second conductors having a first taper extending from the counterpoise to its respective second edge, and the second edge for each of the first and second conductors having a straight edge or a second taper different from the taper of its respective first edge.

30. Canceled.

31. Canceled.

32. Canceled.